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PATENT
P57054

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

SUNG-HOON KIM, *et al.*

Serial No.: 10/826,370

Examiner: *To be assigned*

Filed: 19 April 2004

Art Unit: 2665

For: PRIVATE EV-DO SYSTEM SHARING PUBLIC NETWORK DATA LOCATION
REGISTER AND DATA SERVICE METHOD

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O.Box 1450
Alexandria, VA 22313-1450

Sir:

In accordance with 37 C.F.R. §1.56, and §§1.97 and 1.98 as amended, Applicant cites, describes, and provides copies of the following art references:

FOREIGN PATENT REFERENCE:

- Chinese Patent Publication No. 1325238 to Kil, entitled *SYSTEM AND METHOD FOR PUBLIC/PRIVATE MOBILE COMMUNICATION SERVICE*, published on 5 December 2001 (with English abstract of Korean Patent Publication No. 10-2001-0107028, corresponding to Chinese Patent No.1325238).

OTHER DOCUMENTS:

- Chinese Office action for Chinese Patent Application No. 2004-10032956.6, issued on 17 March 2006.

DISCUSSION

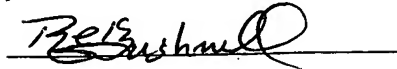
Kil KR'028, according to the Chinese Office action in applicant's Chinese patent application Serial No. 2004-10032956.6, discloses that a public mobile communication system is comprised of MSCs(2-1-2-n), BSCs(4-1-4-m), BTSs(6-1-6-k, 8-1-8-k), MSs(20, 22), and an HLR/VLR(10). Each MSCs(2-1-2-n) is connected with a plurality of BSCs(4-1-4-m). Each BSCs(4-1-4-m) is connected with a plurality of BTSs(6-1-6-k, 8-1-8-k). At this moment, the pBTS(private BTS) (8-k), connected to the BSC(4-m), indicates that it belongs to a public/private shared cell area. The pBTS (8-k) forms a wireless communication path with the MS in the public/ private shared cell area and manages wireless resources. Each MSC(2-1-2-n) executes control to connect its own BCSs to a PSTN/ISDN or the other MSCs in the PLMN(Public Land Mobile Network). Each BSC(4-1-4-m) executes a radio link control function and a handoff function. Each BTS(6-1-6-k, 8-1-8-k) configures a wireless communication path with the MS(20-24) in its own cell area and executes a function to manage wireless resources. The HLR in the HLR/VLR executes a subscriber location registration function and a database function to store subscriber information. The VLR is a database to temporarily store the information of an MS that exists in the cell area a relevant MSC covers. If the MS moves to another cell area, the information stored in the VLR is deleted.

Pursuant to 37 CFR §1.97(d), the undersigned attorney hereby certifies that each item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign patent application not more than three (3) months prior to the filing of the statement.

The citation of the foregoing references is not intended to constitute an assertion that other or more relevant art does not exist. Accordingly, the Examiner is requested to make a wide-ranging and thorough search of the relevant art.

No fee is incurred by this Statement.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "R. E. Bushnell", is written over a horizontal line.

Robert E. Bushnell

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INFORMATION DISCLOSURE STATEMENT

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APPLICANT SUNG-HOON KIM, *et al.*

FILING DATE 19 April 2004

GROUP 2665

U.S. PATENT DOCUMENTS

EXAMINER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE

FOREIGN PATENT DOCUMENTS

TRANSLATION

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	YES	NO
	CH 1325238	12/01	CHINA			Abstract	

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, etc.)

	Chinese Office Action of the Chinese Patent Application No. 2004-10032956.6, mailed on 17 March 2006.

EXAMINER:

DATE CONSIDERED:

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP §609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.